

# SEQUENCE LISTING

<110> Groenlund, Hans  
Van Hage-Hamsten, Marianne

<120> A Recombinant Allergen

<130> 1768-139

<140> 10/554,409

<141> 2005-10-24

<150> PCT/IB2004/001583

<151> 2004-04-22

<150> GB 0309345.7

<151> 2003-04-24

<160> 35

<170> PatentIn version 3.3

<210> 1

<211> 70

<212> PRT

<213> Felis catus

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Val	Val	Leu	Glu	Asn	Ala	Arg	Ile	Leu	Lys	Asn	Cys	Val	Asp	Ala	Lys
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Met	Thr	Glu	Glu	Asp	Lys	Glu	Asn	Ala	Leu	Ser	Leu	Leu	Asp	Lys	Ile
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Tyr	Thr	Ser	Pro	Leu	Cys
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<213> Felis catus

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Val Lys Met Ala Glu Thr Cys Pro Ile Phe Tyr Asp Val Phe Phe Ala  
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Val Ala Asn Gly Asn Glu Leu Leu Leu Asp Leu Ser Leu Thr Lys Val  
 20 25 30

Asn Ala Thr Glu Pro Glu Arg Thr Ala Met Lys Lys Ile Gln Asp Cys  
 35 40 45

Tyr Val Glu Asn Gly Leu Ile Ser Arg Val Leu Asp Gly Leu Val Met  
 50 55 60

Thr Thr Ile Ser Ser Ser Lys Asp Cys Met Gly Glu Ala Val Gln Asn  
 65 70 75 80

Thr Val Glu Asp Leu Lys Leu Asn Thr Leu Gly Arg  
 85 90

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 20 25 30

Asn Ala Thr Glu Pro Glu Arg Thr Ala Met Lys Lys Ile Gln Asp Cys  
 35 40 45

Tyr Val Glu Asn Gly Leu Ile Ser Arg Val Leu Asp Gly Leu Val Met  
 50 55 60

Ile Ala Ile Asn Glu Tyr Cys Met Gly Glu Ala Val Gln Asn Thr Val  
 65 70 75 80

Glu Asp Leu Lys Leu Asn Thr Leu Gly Arg  
 85 90

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 20 25 30

Val Asn Ala Thr Glu Pro Glu Arg Thr Ala Met Lys Lys Ile Gln Asp  
 35 40 45

Cys Tyr Val Glu Asn Gly Leu Ile Ser Arg Val Leu Asp Gly Leu Val  
 50 55 60

Met Thr Thr Ile Ser Ser Ser Lys Asp Cys Met Gly Glu Ala Val Gln  
 65 70 75 80

Asn Thr Val Glu Asp Leu Lys Leu Asn Thr Leu Gly Arg Glu Ile Cys  
 85 90 95

Pro Ala Val Lys Arg Asp Val Asp Leu Phe Leu Thr Gly Thr Pro Asp  
 100 105 110

Glu Tyr Val Glu Gln Val Ala Gln Tyr Lys Ala Leu Pro Val Val Leu  
 115 120 125

Glu Asn Ala Arg Ile Leu Lys Asn Cys Cys Val Asp Ala Lys Met Thr  
 130 135 140

Glu Glu Asp Lys Glu Asn Ala Leu Ser Leu Leu Asp Lys Ile Tyr Thr  
 145 150 155 160

Ser Pro Leu Cys Leu Glu His His His His His His  
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ccggacgaat acgttgaaca ggttg 85

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 gctaacggta acgaac 76  
  
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 accgttagca acagc 75  
  
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 tgatctcccg tggttctggac 80  
  
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 cgggagatca g 71  
  
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Lys Lys Ile  
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Arg Ile Leu Lys Asn  
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Met Val Lys Met  
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Arg Val Leu Asp Gly Leu Val Met Thr Thr Ile Ser Ser Ser Lys Asp  
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Leu .

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<400> 30

Arg Glu Ile Cys Pro Ala Val Lys Arg  
1 5

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Arg Asp Val Asp Leu Phe Leu Thr Gly Thr Pro Asp Glu Tyr Val Glu  
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Gln Val Ala Gln Tyr Lys Ala  
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<210> 32  
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Ala	Asn	Gly	Asn	Glu	Leu	Leu	Leu	Asp	Leu	Ser	Leu	Thr	Lys	Val
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<210> 33

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<220>

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<210> 34

<211> 17

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<400> 34

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Ile

<210> 35

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<212> PRT

<213> Felis catus

<400> 35

Met	Val	Lys	Met	Ala	Glu	Thr	Cys	Pro	Ile	Phe	Tyr	Asp	Val	Phe	Phe
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Ala	Val	Ala	Asn	Gly	Asn	Glu	Leu	Leu	Leu	Asp	Leu	Ser	Leu	Thr	Lys
			20					25					30		
Val	Asn	Ala	Thr	Glu	Pro	Glu	Arg	Thr	Ala	Met	Lys	Lys	Ile	Gln	Asp
		35					40					45			
Cys	Tyr	Val	Glu	Asn	Gly	Leu	Ile	Ser	Arg	Val	Leu	Asp	Gly	Leu	Val
	50					55					60				
Met	Thr	Thr	Ile	Ser	Ser	Ser	Lys	Asp	Cys	Met	Gly	Glu	Ala	Val	Gln
65						70				75					80
Asn	Thr	Val	Glu	Asp	Leu	Lys	Leu	Asn	Thr	Leu	Gly	Arg	Glu	Ile	Cys
				85					90					95	
Pro	Ala	Val	Lys	Arg	Asp	Val	Asp	Leu	Phe	Leu	Thr	Gly	Thr	Pro	Asp
			100					105					110		
Glu	Tyr	Val	Glu	Gln	Val	Ala	Gln	Tyr	Lys	Ala	Leu	Pro	Val	Val	Leu
		115					120					125			
Glu	Asn	Ala	Arg	Ile	Leu	Lys	Asn	Cys	Val	Asp	Ala	Lys	Met	Thr	Glu
	130					135					140				
Glu	Asp	Lys	Glu	Asn	Ala	Leu	Ser	Leu	Leu	Asp	Lys	Ile	Tyr	Thr	Ser
145					150					155					160
Pro	Leu	Cys	Leu	Glu	His	His	His	His	His	His					
				165						170					